Claims

1. A computer system comprising two or more receiver payload handler modules and two or more corresponding decoder modules for handling and decoding two or more types of data.

2. The computer system of claim 1 wherein one or more of the payload handler modules handles audio G.711, audio G.723.1, video H.261, or video H.263 data and one or more of the decoder modules decodes audio G.711, audio G723.1, video H.261 or video H.263 data.

3. The computer system of claim 1 further comprising a demultiplexer operatively coupled to the two or more receiver payload handler modules for routing data to one of the receiver payload handlers based on data type.

4. The computer system of claim 1 further comprising a demultiplexer operatively coupled to the one or more decoders for routing data to one of the decoders based on data type.

5. The computer system of claim 1 further including an audio mixer operatively coupled to the two or more corresponding decoders.

6. The computer system of claim 1 further including a media rendering module operatively coupled to the one or more decoders.

7. The computer system of claim 1 wherein one or more of the payload handlers includes: means for reassembling or combining two or more data packets, means for reordering data packets, means for detecting and rejecting duplicate data packets, or means for computing and compensating delay jitter.

8. The computer system of claim 1 further including means for streaming data.

9. A computer system comprising a demultiplexer operatively ~~coupled~~ to two or more receiver payload handler ~~modules~~ or to two or more decoder modules for routing data to one of the receiver payload handlers or to one of the decoder modules based on data type.

10. The computer system of claim 9 wherein one or more of the receiver payload handler modules is operatively coupled to one of the decoder modules.

11. The computer system of claim 9 wherein one or more of the ~~payload handler~~ modules handles audio G.711, audio G.723.1, ~~video~~ H.261, or video H.263 data and one or more of the decoder ~~modules~~ decodes audio G.711, audio G723.1, video H.261 or video ~~H.263~~ data.

12. The computer system of claim 9 further including an audio mixer coupled to the two or more decoders.

13. The computer system of claim 9 further including a media rendering module coupled to the two or more decoders.

14. The computer system of claim 9 further including means for streaming data.

15. A computer-readable medium comprising:
a first set of instructions for decoding a first type of audio or video data; and
a second set of instructions for decoding a second type of audio or video data.

16. The computer-readable medium of claim 15 further including a third set of instructions for streaming the first or second type of audio or video data.

17. A computer-readable medium comprising a first set of computer-executable instructions for routing data to one of at least two decoder modules or to one of at least two receiver payload handler modules.

18. A method of conducting a network conference with two or more computer systems, the method comprising:

receiving audio or video data from first and second computer systems;

determining the type of the audio or video data from the first computer system;

routing the audio or video data from the first computer system to a first decoder based on the determination of the type of audio or video data;

determining the type of the audio or video data from the second computer system; and

routing the audio or video data from the second computer system to a second decoder based on the determination of the type of audio or video data.

19. The method of claim 18 further comprising:

decoding the audio or video data from the first and second computer systems; and

rendering the audio or video data from the first and second computer systems.

20. The method of claim 19 wherein the audio or video data from the first or the second computer system is audio G.711 data, audio G.723.1 data, video H.261, or video H.263 data.

21. A network conferencing system comprising: an RTP demultiplexer for receiving and routing one or more RTP data streams based on data type; two or more decoder modules coupled to the demultiplexer for decoding data; and a rendering module coupled to the decoder for playing back one or more RTP data streams.